

SENSITIVITY ENCODING MAGNETIC RESONANCE IMAGING METHOD AND SYSTEM

Abstract of Disclosure

A method and apparatus are disclosed for deriving an enhanced sensitivity matrix for describing coil sensitivity in a magnetic resonance imaging system. The enhanced sensitivity matrix provides sensitivity information for pixels near the edge of the imaged object such that pixels near the edge for which there was no sensitivity information are associated with a derived sensitivity. Likewise pixels near the edge for which there is measured sensitivity information are instead associated with a derived sensitivity to offset deficient sensitivity measurements near the edge of the object.